

Title (en)  
A LOAD DISTRIBUTION DEVICE

Title (de)  
LASTVERTEILUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE DISTRIBUTION DE CHARGE

Publication  
**EP 3341631 C0 20231206 (EN)**

Application  
**EP 16756770 A 20160819**

Priority  
• GB 2016052585 W 20160819  
• GB 201515085 A 20150825

Abstract (en)  
[origin: WO2017032990A1] A device for transmitting a motive force from a prime mover to two transfer shafts includes;an input shaft having a longitudinal axis, a load transfer member which engages the input shaft and rotates around an axis perpendicular to the longitudinal axis of the input shaft and first and second input shaft gears associated with the input shaft. The device further includes a first transfer shaft having a first transfer gear to engage the first input shaft gear and a second transfer shaft having a second transfer gear to engage the second input shaft gear. The first and second input shaft gears engage the load transfer member at different locations thereon,for transmitting the motive force from the input shaft to the first and second transfer shafts.

IPC 8 full level  
**F16H 3/095** (2006.01); **F16H 48/08** (2006.01); **F16H 48/10** (2012.01)

CPC (source: EP GB KR US)  
**F16D 1/0894** (2013.01 - GB); **F16H 1/26** (2013.01 - GB); **F16H 3/095** (2013.01 - GB); **F16H 37/0833** (2013.01 - EP KR US);  
**F16H 48/08** (2013.01 - EP KR US); **F16H 57/0025** (2013.01 - GB US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Participating member state (EPC – UP)  
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)  
**WO 2017032990 A1 20170302**; BR 112018003603 A2 20180925; BR 112018003603 B1 20230328; CA 2991304 A1 20170302;  
CN 107923494 A 20180417; CN 107923494 B 20210723; EP 3341631 A1 20180704; EP 3341631 B1 20231206; EP 3341631 C0 20231206;  
GB 201515085 D0 20151007; GB 2544714 A 20170531; GB 2544714 B 20191113; KR 102544720 B1 20230615; KR 20180044365 A 20180502;  
MX 2017017166 A 20180309; MY 187740 A 20211018; US 10767747 B2 20200908; US 2018216718 A1 20180802

DOCDB simple family (application)  
**GB 2016052585 W 20160819**; BR 112018003603 A 20160819; CA 2991304 A 20160819; CN 201680048532 A 20160819;  
EP 16756770 A 20160819; GB 201515085 A 20150825; KR 20187008315 A 20160819; MX 2017017166 A 20160819;  
MY PI2017704835 A 20160819; US 201615747715 A 20160819